Answer:

- 1. The two triangles are similar.

 The corresponding sides are proportional with a 1 to 2 ratio.
- 2. Because the triangles are similar, the perimeters of 12 cm and 24 cm are in the same ratio as the sides.

The corresponding angles of the two triangles are congruent.

Math Examples G.1.B.7.ai7TN Geometry